



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION I

J. F. KENNEDY FEDERAL BUILDING, BOSTON, MASSACHUSETTS 02203



SDMS DocID 49791

July 16, 1987

Mr. Mark Otis  
Acting Chief, New Bedford Project Office  
U.S. Army Corps of Engineers NEDOD-R  
424 Tropelo Road  
Waltham, MA 02554

Dear Mark:

This letter will serve to confirm our understanding and agreements concerning conduct of the monitoring program for the proposed pilot dredging and disposal project in New Bedford Harbor.

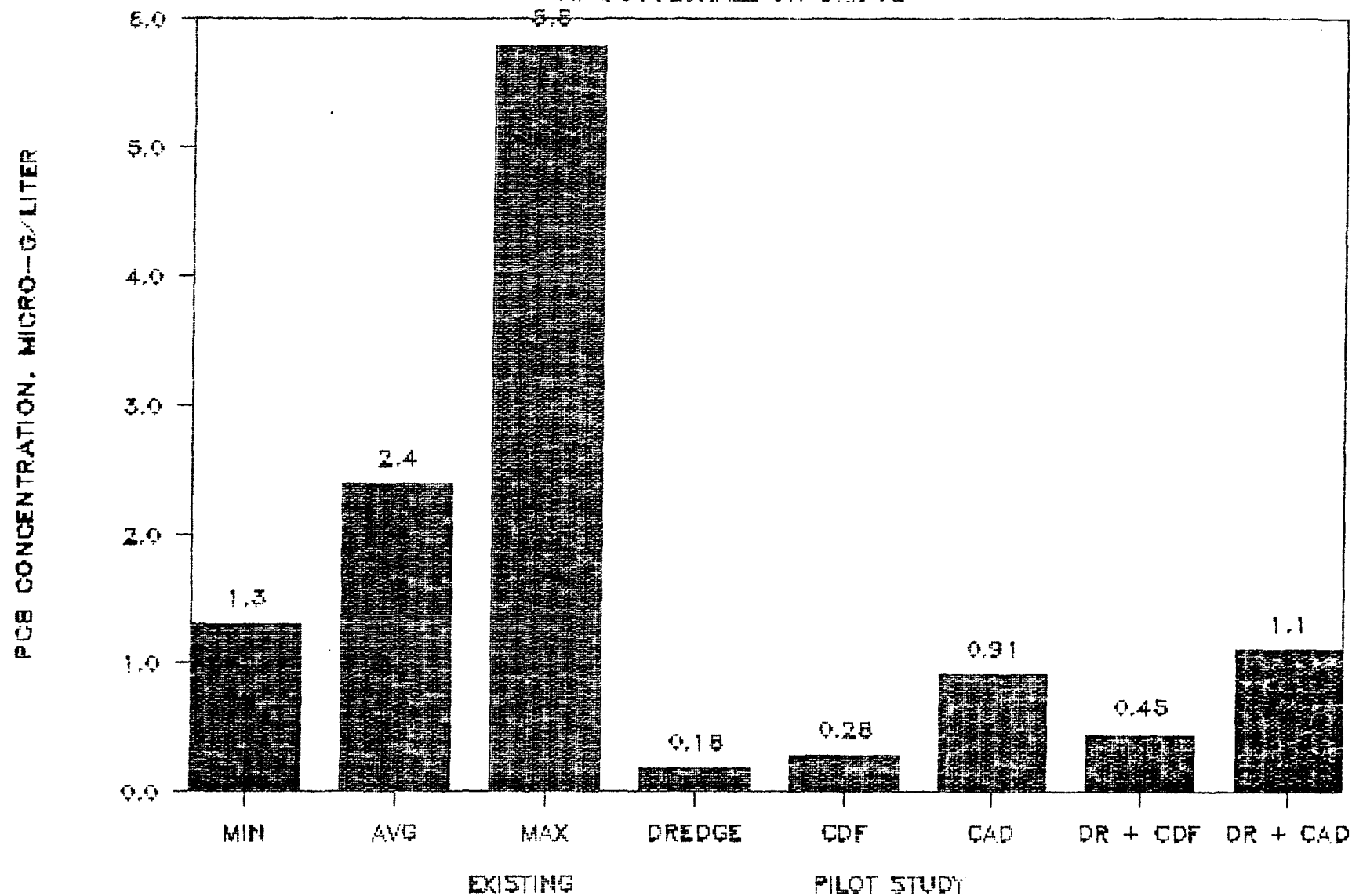
By way of background, as you know, it was initially envisioned that the New England Division (NED), with the assistance of the Waterways Experiment Station (WES), would develop and perform, or sub-contract, the field monitoring program. Subsequent discussion between NED and EPA's Environmental Research Laboratory (ERLN) resulted in ERLN's working jointly with NED and WES to develop a proposed chemical and biological monitoring program. This program is summarized in an April 28, 1987 memo entitled "Schedule of work and projected costs associated with the monitoring plan for the New Bedford pilot dredging."

We have reviewed the monitoring plan and associated costs and find it acceptable.

We understand that NED purposes to enter into an Interagency Agreement (IAG) with ERLN to perform the monitoring. We concur in this approach. Due to their expertise in the area of biological and chemical monitoring and analysis, their familiarity with New Bedford Harbor, their proximity to the harbor, plus their ability to provide the necessary one day turnaround on analytical results, ERLN would seem best suited to do this work.

## PILOT STUDY PCB CONCENTRATION INCREASE

AT COGGESHALL ST. BRIDGE



## PILOT STUDY COPPER RELEASE

### MODIFIED ELUTRIATE

TOTAL CU, MICRO-G/LITER	370
DISSOLVED CU, MICRO-G/LITER	72

### STANDARD ELUTRIATE

TOTAL CU, MICRO-G/LITER	870
DISSOLVED CU, MICRO-G/LITER	<30

### RELEASE AT BRIDGE

TOTAL CU, KG/TIDAL CYCLE	0.77
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### CONCENTRATION INCREASE

TOTAL CU, MICRO-G/LITER	1.6
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### EXISTING DATA (BATTELLE)

DISSOLVED CU, MICRO-G/LITER	3.8
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### WATER QUALITY CRITERION, ACUTE

CU, MICRO-G/L	2.9
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